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Secretary for
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California Regional Water Quality Control Board

Santa Ana Region

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Arnold Schwarzenegger
Governor

September 5, 2006

Ms. Pei-Fen Tamashiro
Installation Restoration Coordinator
Naval Weapons Station, Seal Beach
800 Seal Beach Blvd.
Seal Beach CA 90740-5000

COMMENTS ON DRAFT SECOND ANNUAL GROUNDWATER MONITORING REPORT FOR IRP SITES 5 AND 7, U. S. NAVAL WEAPONS STATION, SEAL BEACH

Dear Ms. Tamashiro:

We have completed our review of the above-referenced document, dated May 31, 2006, which we received on June 9, 2006.

Site 5

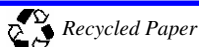
The report recommends the following changes to the monitoring program at Site 5:

1. Move monitoring well MW-05-01 to the monitoring program for Site 14.
2. Discontinue monitoring for metals, polynuclear aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs) and general chemistry in all monitoring wells, with the exceptions listed in a and b, below, for wells MW-05-02 and MW-05-04;
 - a. Continue monitoring for hexavalent chromium, nickel, and zinc in well MW-05-02; and
 - b. Continue monitoring for methyl tert-butyl ether (MTBE) in well MW-05-04.

Please indicate whether groundwater samples at this site were analyzed for perchlorate, and provide all available analytical results. If you have not yet tested the groundwater at this site for perchlorate, please add perchlorate to the list of analytes for your next round of groundwater monitoring. Perchlorate should be quantified using U.S. EPA Method 314.1.

We concur with the recommendations for a reduced groundwater monitoring program at Site 5, on the condition that you provide the additional information as requested.

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Site 7

The report recommends:

1. Discontinuing monitoring for VOCs, SVOCs, PCBs and metals in all wells, with the exception of well W-41 (continue monitoring for cobalt) and well W-45 (continue monitoring for cadmium);
2. Continuing monitoring for pesticides in all the wells;
3. Continuing monitoring in wells MW04-02, MW-03, MW-04, W-42 and 07M01 for cyanide; and
4. Collecting groundwater level measurements from all the wells.

Please indicate whether groundwater samples at this site were analyzed for perchlorate, and provide all available analytical results. If you have not yet tested the groundwater at this site for perchlorate, please add perchlorate to the list of analytes for your next round of groundwater monitoring. Perchlorate should be quantified using U.S. EPA Method 314.1.

We concur with the recommendations for a reduced groundwater monitoring program at Site 7, on the condition that you provide the additional information as requested.

Table 3

Please define superscript "c" next to "Stationwide Background" in this table.

Tables 4 and 5, Groundwater Analytical Results

Some of the data values are truncated. Please adjust the column widths on the table so that the numbers are not truncated. We also suggest that the results for metals be converted from micrograms per liter to milligrams per liter. Please include in this table or in a separate table the results from previous sampling events.

If you should have any questions, please call me at (951) 782-4498, or send e-mail to phannon@waterboards.ca.gov.

Sincerely,



Patricia A. Hannon
SLIC/DoD Section

cc via electronic copy: Ms. Katherine Leibel, Dept of Toxic Substances Control
Mr. Si Le, Naval Facilities Engineering Command, SWDIV
Mr. Kirk Gilligan, Seal Beach National Wildlife Refuge

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